



GP/1631

Applicant(s)	Heath, et al.	<b>TRANSMITTAL FORM UNDER 37 CFR § 1.8 (LARGE ENTITY)</b>
Serial No.	09/361,829	
Filing Date	July 27, 1999	
Group Art Unit	1631	
Examiner Name	Jeffrey S. Lundgren	
Attorney Docket No.	101.003US01	
Title: COMPUTER IMPLEMENTED NUCLEIC ACID ISOLATION METHOD AND APPARATUS		

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<b>Enclosures</b>
<p>The following documents are enclosed:</p> <p><input checked="" type="checkbox"/> An Amendment and Response (9 pgs.; including Response, 6 pages and Marked Up Version Showing Changes, 3 pages.); and</p> <p><input checked="" type="checkbox"/> A return postcard.</p> <p>Please charge any additional fees or credit any overpayments to Deposit Account No. 501373.</p>

<b>Submitted By</b>			
Name	Daniel J. Polglaze	Reg. No.	39,801
Telephone	(612) 312-2203		
Signature		Date	11 Jan 2002
Attorneys for Applicant Fogg Slifer Polglaze Leffert & Jay, PA P.O. Box 581009 Minneapolis, MN 55458-1009 T: (612) 312-2200 F: (612) 312-2250			

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I certify that this correspondence, and the documents identified above, are being deposited with the United States Postal Service as first class mail in an envelope addressed to: BOX NON-FEE AMENDMENT, Commissioner for Patents, Washington, D.C. 20231 on Jan. 11, 2002.			
Name	Frayda M. Nitschke	Signature	



S/N 09/361,829

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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#12/B  
Plunkett  
2/15/02

AMENDMENT AND RESPONSE

Commissioner for Patents  
Box Non-Fee Amendment  
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In response to the Final Office Action mailed October 11, 2001, please amend the application as follows:

In the Claims

Please amend claims 1, 7, 9 and 15 to read as follows:

1. (Amended) A computer readable medium for controlling the operation of an automated machine, the computer readable medium comprising machine readable instructions for causing a computer to perform a method comprising:

issuing a command set to initiate a plurality of nucleic acid isolation functions by a nucleic acid isolation apparatus, wherein the nucleic acid isolation functions comprise:

- loading a vessel into a centrifuge;
- centrifuging a sample;
- aspirating a sample at a selectable aspiration rate from gentle to vigorous;
- mixing a sample;
- dispensing into a sample;
- controlling the temperature of a function;
- removing material from a sample;
- separating a sample; and

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